(d) the details of the proposed organisational structure 'for permanent machinery for disaster management; and

(e) the details of recommendations in this regard?

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI MULLAPALLY RAMACHANDRAN)-, (a) Execution of Relief. Operation in the wake of Natural Calamities is primarily the responsibility of the State Governments. There is a relief machinery in each State which operators on the basis of State Relief Manuals. There is no proposal to set up any other machienry or institutions at the Central level for this purpose.

(b) to (e) Do not arise

Technology Missions under the Ministry of Agriculture

2274. SHRI KAMAL MORARKA: Will the Minister of AGRICULTURE be pleased to state;

(a) the number of technological Missions under operation in his Mriistry and since when;

(b) what are the objectives for which these Missions have been set up;

(c) the extent to which the objectives have been achieved;

(d) whether these have been monitored by any agency under his Ministry; and

(e) if so, what are the shortcomings noticed and the sugegstions made for improving their operation in various fields?

THE MINISTER OF STATE! IN THE MINISTRY OF AGRICULTURE (SHRI MULLAPALLY RAMACHANDRAN): (a) There are two Technology Missions under Operation in the Ministry of Agriculture namely the Technology Mission on Oilseeds and Pulses and Technology Mission on Dairy Development.

(b) to (e) The relevant information is being collected and will be laid on the Table of the Sabha.

Biological Agency Developed for Pests

2275. SHRI B. K. HARIPRASAD; Will the Minister of AGRICULTURE be pleased to state;

(a) whether Government have com piled a list of various biological agents developed in the country indicating the pest against which it is successful and the crops it protects: and

(b) if so, the details thereof?

THE MINISTER OF STATE; IN THE MINISTRY OF AGRICULTURE (SHRI MULLAPALLY RAMACHANDRAN): (a) Yes, Sir.

(b) Information is given in the statement attached.

Statement

Potential Biological Control Agents Developed for the Control of Crop

Crops/Weeds	Pests	Potential Biological Control Agents
Sugarcane	Pyrilla	Epiricania Tetrastichus
	Borers	Trichogramma
	Scale insect	Chilocoris Pharoscymnus
Cotton	Bollworms	Trichogramma Bracon Chelonus Chrysopa Nuclear Polyhedrosis virus
Rice	Stem borers	Trichogramma
	Leaf folder	Trichogramma
	Leafhoppers & plant hoppersS	Cyrtorhinus

Crops/Weeds	Pests	Potential Biological Contro Agen s
Maize	Stem borer	Trichogramma
Sorghum	Stem borer	Trichogtamma
Castor	Cutworm	Telenomus
Gram & Arhar	Pod borer	Chrysopa Chelonus Bracon Nuclear Polyhedrosis virus
Tomato	Fruit borer	Chrysopa Chelonus Bracon Trichogramma Nuclear Polyhedrosis virus
Apple	San Jose Scale	Encarsia Aphytis Chilocoris
	Woolly aphid	Aphelinus;
	Cod ling moth	Trichogramma
Citrus	Mealy bugs	Cryptolemus
Grape	Mealy bugs '	Cry ptolaemus
Coconut	Black headed caterpillar	Bracon Parasierola
Water Hyacinth	..	Neochatina
Salvinia	..	Cyrtoauous

2276. *[Transferred to the* 19th *December* 1991.]

Chilly Crops affected by virus in Andhra Pradesh

2277. DR. YELAMANCHILI SIVAJI: Will the Minister of AGRICULTURE be pleased to state:

(a) whether it is the fact that Chilly crop is badly affected by virus in some districts of Andhra Pradesh and if so, what are the details thereof;

(b) what is the estimated loss; and

(c) what steps have been taken in this regard?

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI MULLAPALLY RAMACHANDRAN); (a) and (b) Yes Sir. As per the information given by State Government of Andhra Pradesh, the chilli crop has been affected by a virus disease for the first time in Guntur, Prakasam and Krishna districts of Andhra Pradesh. The estimated crop Ioss has been reported to be 15,829 and 6,143 tonnes in Guntur and Prakasam districts, respectively. The surveys for loss estimates in Krishna district are in progress. No incidence of virus has been noticed in the other major chilli growing districts of Warangal and Khammam.

(c) The following steps have been taken by the Government of Andhra Pradesh in this regard:

(i) A team of scientists from Agricultural Research Station, Lam (Guntur) along with the officers of State Department of Agriculture, Andhra Pradesh surveyed the disease affected areas to study the problem and to render suitable advice to the farmers. The team identified the problem due to virus. Subsequently, the investigations at International Crops Research Institute for Semi Arid Tropics (ICRISAT), Hyderabad also confirmed the malady due to virus.

(ii) To improve the crop condition, the farmers have been advised by the specialists to spray the affected crop with urea (100 gm) mixed with 50 gm of muriate of potash, in 10 litres of water.